

SCORE Search Results Details for Application 10687035 and Search Result 20080310_104759_us-10-687-035-34.rapbm.

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This page gives you Search Results detail for the Application 10687035 and Search Result 20080310_104759_us-10-687-035-34.rapbm.

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OM protein - protein search, using sw model

Run on: March 10, 2008, 14:25:14 ; Search time 245 Seconds
(without alignments)
508.771 Million cell updates/sec

Title: US-10-687-035-34
Perfect score: 758
Sequence: 1 MGWSWIFLFLLSGTAGVHSE.....FGSGYYFDYWQGTTTLTVSS 139

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 3890859 seqs, 897042889 residues

Total number of hits satisfying chosen parameters: 3890859

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_AA_Main:*
1: /ABSS/Data/CRF/ptodata/2/pubpaa/US07_PUBCOMB.pep:*
2: /ABSS/Data/CRF/ptodata/2/pubpaa/US08_PUBCOMB.pep:*
3: /ABSS/Data/CRF/ptodata/2/pubpaa/US09_PUBCOMB.pep:*
4: /ABSS/Data/CRF/ptodata/2/pubpaa/US10A_PUBCOMB.pep:*
5: /ABSS/Data/CRF/ptodata/2/pubpaa/US10B_PUBCOMB.pep:*
6: /ABSS/Data/CRF/ptodata/2/pubpaa/US11A_PUBCOMB.pep:*
7: /ABSS/Data/CRF/ptodata/2/pubpaa/US11B_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	%
Result	Query

No.	Score	Match	Length	DB	ID	Description
1	758	100.0	139	5	US-10-687-035-34	Sequence 34, Appl
2	625	82.5	135	4	US-10-389-155-60	Sequence 60, Appl
3	625	82.5	135	4	US-10-389-417-60	Sequence 60, Appl
4	625	82.5	135	4	US-10-452-357-69	Sequence 69, Appl
5	616	81.3	137	4	US-10-462-062-153	Sequence 153, App
6	616	81.3	137	4	US-10-462-062-154	Sequence 154, App
7	613.5	80.9	132	3	US-09-982-107-14	Sequence 14, Appl
8	613.5	80.9	132	5	US-10-781-989-14	Sequence 14, Appl
9	600.5	79.2	438	3	US-09-903-327A-6	Sequence 6, Appli
10	600.5	79.2	456	3	US-09-903-327A-2	Sequence 2, Appli
11	600.5	79.2	493	3	US-09-903-327A-13	Sequence 13, Appl
12	600.5	79.2	510	3	US-09-903-327A-12	Sequence 12, Appl
13	600.5	79.2	597	3	US-09-903-327A-11	Sequence 11, Appl
14	600.5	79.2	613	3	US-09-903-327A-14	Sequence 14, Appl
15	586.5	77.4	135	6	US-11-437-367A-21	Sequence 21, Appl
16	585.5	77.2	136	4	US-10-768-193-7	Sequence 7, Appli
17	578.5	76.3	138	4	US-10-774-076-9	Sequence 9, Appli
18	577	76.1	139	4	US-10-365-123-28	Sequence 28, Appl
19	577	76.1	139	5	US-10-504-389A-28	Sequence 28, Appl
20	573.5	75.7	151	5	US-10-586-406-4	Sequence 4, Appli
21	573.5	75.7	466	6	US-11-410-540-155	Sequence 155, App
22	573.5	75.7	466	6	US-11-411-003-155	Sequence 155, App
23	572.5	75.5	153	6	US-11-458-373-3	Sequence 3, Appli
24	568.5	75.0	466	6	US-11-410-540-139	Sequence 139, App
25	568.5	75.0	466	6	US-11-410-540-187	Sequence 187, App
26	568.5	75.0	466	6	US-11-411-003-139	Sequence 139, App
27	568.5	75.0	466	6	US-11-411-003-187	Sequence 187, App
28	568	74.9	137	4	US-10-462-062-158	Sequence 158, App
29	567.5	74.9	466	6	US-11-410-540-203	Sequence 203, App
30	567.5	74.9	466	6	US-11-411-003-203	Sequence 203, App
31	567	74.8	135	5	US-10-837-904-27	Sequence 27, Appl
32	566.5	74.7	466	6	US-11-410-540-163	Sequence 163, App
33	566.5	74.7	466	6	US-11-411-003-163	Sequence 163, App
34	565.5	74.6	138	4	US-10-389-155-72	Sequence 72, Appl
35	565.5	74.6	138	4	US-10-389-417-72	Sequence 72, Appl
36	565.5	74.6	138	4	US-10-452-357-85	Sequence 85, Appl
37	565.5	74.6	466	6	US-11-410-540-171	Sequence 171, App
38	565.5	74.6	466	6	US-11-411-003-171	Sequence 171, App
39	564	74.4	143	3	US-09-301-593-26	Sequence 26, Appl
40	564	74.4	143	4	US-10-159-006-26	Sequence 26, Appl
41	564	74.4	472	3	US-09-301-593-30	Sequence 30, Appl
42	564	74.4	472	4	US-10-159-006-30	Sequence 30, Appl
43	562	74.1	137	6	US-11-074-373-39	Sequence 39, Appl
44	561.5	74.1	468	6	US-11-410-540-21	Sequence 21, Appl
45	561.5	74.1	468	6	US-11-411-003-21	Sequence 21, Appl

ALIGNMENTS

RESULT 1

US-10-687-035-34

; Sequence 34, Application US/10687035

; Publication No. US20050064518A1

```

; GENERAL INFORMATION:
;   APPLICANT: Albone, Earl F.
;   APPLICANT:  Soltis, Daniel A.
;   TITLE OF INVENTION: ANTIBODIES THAT BIND CELL-ASSOCIATED
;   TITLE OF INVENTION:  CA 125/0772P AND METHODS OF USE THEREOF
;   FILE REFERENCE: 6750-214-999
;   CURRENT APPLICATION NUMBER: US/10/687,035
;   CURRENT FILING DATE: 2003-10-15
;   PRIOR APPLICATION NUMBER: 60/485,986
;   PRIOR FILING DATE: 2003-07-10
;   PRIOR APPLICATION NUMBER: 60/418,828
;   PRIOR FILING DATE: 2003-10-12
;   NUMBER OF SEQ ID NOS: 71
;   SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 34
;   LENGTH: 139
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: 776.1 heavy chain polypeptide variable region (776.1H)
US-10-687-035-34

```

Query Match 100.0%; Score 758; DB 5; Length 139;
Best Local Similarity 100.0%; Pred. No. 9.2e-59;
Matches 139; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy		1 MGWSWIFLFLLSGTAGVHSEVQLQQSGPELVKPGASVKISCKASGYTFTDYNIHWWVKQSH	60
Db		1 MGWSWIFLFLLSGTAGVHSEVQLQQSGPELVKPGASVKISCKASGYTFTDYNIHWWVKQSH	60
Qy	61	GKILEWIGYIYPYNGVSVDYNQNFKSKATLIVDNSSNTAYMELRSLTSED SAVYYCARWDF	120
Db	61	GKILEWIGYIYPYNGVSVDYNQNFKSKATLIVDNSSNTAYMELRSLTSED SAVYYCARWDF	120
Qy	121	GSGYYFDYWGGQTTLTVSS	139
Db	121	GSGYYFDYWGGQTTLTVSS	139

RESULT 2

US-10-389-155-60

```
; Sequence 60, Application US/10389155
; Publication No. US20030229208A1
```

; GENERAL INFORMATION:

APPLICANT: Queen, Cary L.

Co, Man Sung

; Schneider, William P.

; Landolfi, Nicholas F.

Coelingh, Kathleen L.

;Selick, Harold E.

; TITLE OF INVENTION: Improved Humanized Immunoglobulins

```
; NUMBER OF SEQUENCES: 100
```

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor

; CITY: San Francisco

Qy	1	MGWSWIFLFLLSGTAGVHSEVQLQQSGPELVKPGASVKISCKASGYTFTDYN	60
		:	
Db	1	MGWSWIFLFLLSGTAGVHSEVQLQQSGPELVKPGASVKISCKASGYTFTDYN	60
Qy	61	GKILEWIGYIYPYNGVSDYNQNFKSKATLIVDNSSNTAYMELRSLTSEDS	120
		: : :	
Db	61	GKSLEWIGYIYPYNGGTGYNQKFKSKATLTVDNSSSTAYMDVRSLTSEDS	117
Qy	121	GSGYYFDYWGGTTTLTVSS	139
		:	
Db	118	-GRPAMDYWGQGTSTVTVSS	135

RESULT 3

US-10-389-417-60

; Sequence 60, Application US/10389417

; Publication No. US20040049014A1

; GENERAL INFORMATION:

; APPLICANT: Queen, Cary L.

; Co, Man Sung

; Schneider, William P.

; Landolfi, Nicholas F.

; Coelingh, Kathleen L.

; Selick, Harold E.

; TITLE OF INVENTION: Improved Humanized Immunoglobulins

; NUMBER OF SEQUENCES: 100

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Townsend and Townsend and Crew LLP

; STREET: Two Embarcadero Center, Eighth Floor

; CITY: San Francisco

; STATE: California

; COUNTRY: USA

; ZIP: 94111-3834

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/389,417

; FILING DATE: 13-Mar-2003

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/09/325,000

; FILING DATE: 01-JUN-1999

; APPLICATION NUMBER: US 07/290,975

; FILING DATE: 28-DEC-1988

; APPLICATION NUMBER: US 07/310,252

; FILING DATE: 13-FEB-1989

; APPLICATION NUMBER: US 07/590,274

; FILING DATE: 28-SEP-1990

; APPLICATION NUMBER: US 07/634,278

; FILING DATE: 19-DEC-1990

; APPLICATION NUMBER: US 08/484,537

; FILING DATE: 07-JUN-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Smith, William M.

; REGISTRATION NUMBER: 30,223

; REFERENCE/DOCKET NUMBER: 011823-002650US

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (415) 576-0200

; TELEFAX: (415) 576-0300

; INFORMATION FOR SEQ ID NO: 60:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 135 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

Qy	1	MGWSWIFLFLLSGTAGVHSEVQLQQSGPELVKPGASVKISCKASGYTFTDYNIHVVKQSH	60
		:	
Db	1	MGWSWIFLFLLSGTAGVHSEVQLQQSGPELVKPGASVKISCKASGYTFTDYNMHVVKQSH	60
Qy	61	GKILEWIGYIYPYNGVSDYNQNFKSKATLIVDNSSNTAYMELRSLTSEDSAVYYCARWDF	120
		: : :	
Db	61	GKSLEWIGYIYPYNGGTGYNQKFKSKATLTVDNSSSTAYMDVRSLTSEDSAVYYCAR---	117
Qy	121	GSGYYFDYWGGQTTLTVSS	139
		:	
Db	118	-GRPAMDYWGGGTSVTVSS	135

```

; Sequence 69, Application US/10452357
; Publication No. US20040058414A1
; GENERAL INFORMATION:
;   APPLICANT: Queen, Cary
;   APPLICANT: Co, Man Sung
;   APPLICANT: Schneider, William
;   APPLICANT: Landolfi, Nicholas
;   APPLICANT: Coelingh, Kathleen
;   APPLICANT: Selick, Harold
;   TITLE OF INVENTION: Improved Humanized Immunoglobulins
;   FILE REFERENCE: 05882.0078.CNUS01
;   CURRENT APPLICATION NUMBER: US/10/452,357
;   CURRENT FILING DATE: 2003-05-30
;   PRIOR APPLICATION NUMBER: 09/718,993
;   PRIOR FILING DATE: 2000-11-22
;   PRIOR APPLICATION NUMBER: 09/487,200
;   PRIOR FILING DATE: 1995-06-07
;   PRIOR APPLICATION NUMBER: 07/634,278
;   PRIOR FILING DATE: 1990-12-19
;   PRIOR APPLICATION NUMBER: 07/590,275
;   PRIOR FILING DATE: 1990-09-28
;   PRIOR APPLICATION NUMBER: 07/310,252
;   PRIOR FILING DATE: 1989-02-13
;   PRIOR APPLICATION NUMBER: 07/290,975
;   PRIOR FILING DATE: 1988-12-28
;   NUMBER OF SEQ ID NOS: 113
;   SOFTWARE: PatentIn version 3.2
; SEQ ID NO 69
;   LENGTH: 135
;   TYPE: PRT
;   ORGANISM: Artificial
;   FEATURE:
;   OTHER INFORMATION: Heavy chain M195 antibody
US-10-452-357-69

```

Query Match 82.5%; Score 625; DB 4; Length 135;
Best Local Similarity 84.9%; Pred. No. 4.8e-47;
Matches 118; Conservative 7; Mismatches 10; Indels 4; Gaps 1;

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Qy      1 MGWSWIFLFLLSGTAGVHSEVQLQQSGPELVKPGASVKISCKASGYTFTDYNIHVVKQSH 60
          |||
Db      1 MGWSWIFLFLLSGTAGVHSEVQLQQSGPELVKPGASVKISCKASGYTFTDYNMHVVKQSH 60

Qy     61 GKILEWIGYIYPYNGVSDYNQNFKSKATLIVDNSSNTAYMELRSLTSEDSAVYYCARWDF 120
          || |||
Db     61 GKSLEWIGYIYPYNGGTGYNQKFKSKATLTVDNSSSTAYMDVRSLSLSEDSAVYYCAR--- 117

Qy     121 GSGYYFDYWGGQTTLTVSS 139
          |||
Db     118 -GRPAMDYWGQTSVTVSS 135
```

RESULT 5

US-10-462-062-153

; Sequence 153, Application US/10462062

; Publication No. US20040044187A1

; GENERAL INFORMATION:

; APPLICANT: SATO, KOH

; APPLICANT: ADACHI, HIDEKI

; TITLE OF INVENTION: HUMANIZED ANTIBODIES AGAINST HUMAN TISSUE FACTOR (TF)

; TITLE OF INVENTION: AND PROCESS OF PRODUCTION OF THE HUMANIZED ANTIBODIES

; FILE REFERENCE: 053466-0360

; CURRENT APPLICATION NUMBER: US/10/462,062

; CURRENT FILING DATE: 2003-06-16

; PRIOR APPLICATION NUMBER: PCT/JP99/01768

; PRIOR FILING DATE: 1999-04-02

; PRIOR APPLICATION NUMBER: JP 10-91850

; PRIOR FILING DATE: 1998-04-03

; NUMBER OF SEQ ID NOS: 183

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 153

; LENGTH: 137

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Full-length amino acid

; OTHER INFORMATION: sequence for H chain V region of anti-TF mouse monoclonal

; OTHER INFORMATION: antibody ATR-2

US-10-462-062-153

Query Match 81.3%; Score 616; DB 4; Length 137;
Best Local Similarity 82.7%; Pred. No. 3e-46;
Matches 115; Conservative 8; Mismatches 14; Indels 2; Gaps 1;

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Qy      1 MGWSWIFLFLLSGTAGVHSEVQLQQSGPELVKPGASVKISCKASGYTFTDYNIHVVKQSH 60
          | |||
Db      1 MEWSWIFLFLLSGTTGVHSEIQLQQSGPELVKPGASVKVSKASGYSFTDYNMYVVKQSH 60

Qy     61 GKILEWIGYIYPYNGVSDYNQNFKSKATLIVDNSSNTAYMELRSLTSEDSAVYYCARWDF 120
          || ||| ||| : ||| || ||| || ||: ||: | | |||
```

Db 61 GKSLEWIGYIDPYNGGTIYNQKFKGKATLTVDKSSSTAFMHLNSLTSEDSAVYYCARG-- 118

Qy 121 GSGYYFDYWGQGTTTLTVSS 139
| |||||

Db 119 GEGYYFDYWGQGTTTLTVSS 137

RESULT 6

US-10-462-062-154

; Sequence 154, Application US/10462062

; Publication No. US20040044187A1

; GENERAL INFORMATION:

; APPLICANT: SATO, KOH

; APPLICANT: ADACHI, HIDEKI

; TITLE OF INVENTION: HUMANIZED ANTIBODIES AGAINST HUMAN TISSUE FACTOR (TF)

; TITLE OF INVENTION: AND PROCESS OF PRODUCTION OF THE HUMANIZED ANTIBODIES

; FILE REFERENCE: 053466-0360

; CURRENT APPLICATION NUMBER: US/10/462,062

; CURRENT FILING DATE: 2003-06-16

; PRIOR APPLICATION NUMBER: PCT/JP99/01768

; PRIOR FILING DATE: 1999-04-02

; PRIOR APPLICATION NUMBER: JP 10-91850

; PRIOR FILING DATE: 1998-04-03

; NUMBER OF SEQ ID NOS: 183

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 154

; LENGTH: 137

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Full-length amino acid

; OTHER INFORMATION: sequence for H chain V region of anti-TF mouse monoclonal

; OTHER INFORMATION: antibody ATR-3

US-10-462-062-154

Query Match 81.3%; Score 616; DB 4; Length 137;

Best Local Similarity 82.7%; Pred. No. 3e-46;

Matches 115; Conservative 8; Mismatches 14; Indels 2; Gaps 1;

Qy 1 MGWSWIFLFLLSGTAGVHSEVQLQQSGPELVKPGASVKISCKASGYTFTDYNIHVVKQSH 60
| |||||

Db 1 MEWSWIFLFLLSGTTGVHSEIQLQQSGPELVKPGASVKVSKASGYSFTDYNMYVVKQSH 60

Qy 61 GKILEWIGYIYPYNGVSDYNQNFKSKATLIVDNSSNTAYMELRSLTSEDSAVYYCARWDF 120
|| ||||| |||| : ||| || |||| || ||: ||: | | |||||

Db 61 GKSLEWIGYIDPYNGGTIYNQKFKGKATLTVDKSSSTAFMHLNSLTSEDSAVYYCARG-- 118

Qy 121 GSGYYFDYWGQGTTTLTVSS 139
| |||||

Db 119 GEGYYFDYWGQGTTTLTVSS 137

RESULT 7

US-09-982-107-14

; Sequence 14, Application US/09982107

; Patent No. US20020159958A1

Query Match 80.9%; Score 613.5; DB 3; Length 132;
Best Local Similarity 83.5%; Pred. No. 4.8e-46;
Matches 116; Conservative 6; Mismatches 10; Indels 7; Gaps 1;

Qy	1	MGWSWIFLFLLSGTAGVHSEVQLQQSGPELVKPGASVKISCKASGYTFTDYNIHWWVKQSH : : :	60
Db	1	MEWTWVFLFLLSGTAGVHSGVQLQQSGPDLVKPGASVKISCKASGYTFTDYNIHWWVKQSR	60
Qy	61	GKILEWIGYIYPYNGVSVDYNQNFKSKATLIVDNSSNTAYMELRSLTSED SAVYYCARWDF : : :	120
Db	61	GKSLEWIGYIYPYNGNITYNQKFKNKATLTVDNSSTSAYMELRSLTSED SAVYYCAT---	117
Qy	121	GSGYYFDYWGGTTTLTVSS 	139
Db	118	----YFDYWGGTTTLTVSS	132

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; Sequence 14, Application US/10781989
; Publication No. US20050202026A1
; GENERAL INFORMATION:
;   APPLICANT: HIATT, Andrew C.
;   APPLICANT:  MA, Julian K.-C.
;   APPLICANT:  LEHNER, Thomas
;   TITLE OF INVENTION: METHODS FOR PRODUCING IMMUNOGLOBULINS
;   TITLE OF INVENTION:  CONTAINING PROTECTION PROTEINS IN PLANTS AND THEIR USE
;   FILE REFERENCE: 415142000303
;   CURRENT APPLICATION NUMBER: US/10/781,989
;   CURRENT FILING DATE: 2004-02-18
;   PRIOR APPLICATION NUMBER: 08/434,000
;   PRIOR FILING DATE: 1995-05-04
;   PRIOR APPLICATION NUMBER: 08/367,395
;   PRIOR FILING DATE: 1994-12-30
;   NUMBER OF SEQ ID NOS: 19
;   SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 14
;   LENGTH: 132
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; TYPE: PRT
; ORGANISM: Mouse
US-10-781-989-14

Query Match 80.9%; Score 613.5; DB 5; Length 132;
Best Local Similarity 83.5%; Pred. No. 4.8e-46;
Matches 116; Conservative 6; Mismatches 10; Indels 7; Gaps 1;

Qy 1 MGWSWIFLFLLSGTAGVHSEVQLQQSGPELVKPGASVKISCKASGYTFTDYNIHVVKQSH 60
| |:|:||||||||||||| |||||:|||||||||||||||||||||
Db 1 MEWTWVFLFLLSGTAGVHSGVQLQQSGPDLVKPGASVKISCKASGYTFTDYNIHVVKQSR 60

Qy 61 GKILEWIGYIYPYNGVSDYNQNFKSKATLIVDNSSNTAYMELRSLTSEDSAVYYCARWDF 120
|| ||||| : ||| ||:|||| |||| :|||||||||||||||
Db 61 GKSLEWIGYIYPYNGNTYYNQKFKNKATLTVDNSSTSAYMELRSLTSEDSAVYYCAT--- 117

Qy 121 GSGYYFDYWGQGTTTLTVSS 139
|||||||||||||
Db 118 ----YFDYWGQGTTTLTVSS 132

RESULT 9
US-09-903-327A-6
; Sequence 6, Application US/09903327A
; Patent No. US20020164333A1
; GENERAL INFORMATION:
; APPLICANT: Nemerow, Glen R.
; APPLICANT: Li, Erguang
; TITLE OF INVENTION: BIFUNCTIONAL MOLECULES AND VECTORS COMPLEXED THEREWITH FOR TARGETED
; TITLE OF INVENTION: GENE
; TITLE OF INVENTION: DELIVERY
; FILE REFERENCE: 22908-1228
; CURRENT APPLICATION NUMBER: US/09/903,327A
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 09/613,017
; PRIOR FILING DATE: 2000-07-10
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 438
; TYPE: PRT
; ORGANISM: Mouse
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (0)...(0)
; OTHER INFORMATION: Portion of DAV-1 heavy chain used for fusion protein
; OTHER INFORMATION: bifunctional antibody
US-09-903-327A-6

Query Match 79.2%; Score 600.5; DB 3; Length 438;
Best Local Similarity 82.0%; Pred. No. 2.5e-44;
Matches 114; Conservative 6; Mismatches 12; Indels 7; Gaps 1;

Qy 1 MGWSWIFLFLLSGTAGVHSEVQLQQSGPELVKPGASVKISCKASGYTFTDYNIHVVKQSH 60
|||||||||||||||||||||||||||||||||||||:|||||
Db 1 MGWSWIFLFLLSGTAGVHSEVQLQQSGPELVKPGASVKISCKASGYTFTDYNMHVVKQSH 60

Qy 61 GKILEWIGYIYPYNGVSDYNQNFKSKATLIVDNSSNTAYMELRSLTSEDSAVYYCARWDF 120
|| ||||| | : ||| ||||| |:|||||||: |||||
Db 61 GKSLEWIGYIYPYKGGTGYNQKFKSKATLTDDSSNTAYMELRSLTSDASAVYYCARG-- 118

Qy 121 GSGYYFDYWGGTTTLTVSS 139
||| :|||:
Db 119 -----IAYWGGTLTVSA 132

RESULT 10
US-09-903-327A-2
; Sequence 2, Application US/09903327A
; Patent No. US2002016433A1
; GENERAL INFORMATION:
; APPLICANT: Nemerow, Glen R.
; APPLICANT: Li, Erguang
; TITLE OF INVENTION: BIFUNCTIONAL MOLECULES AND VECTORS COMPLEXED THEREWITH FOR TARGETED
; TITLE OF INVENTION: GENE
; TITLE OF INVENTION: DELIVERY
; FILE REFERENCE: 22908-1228
; CURRENT APPLICATION NUMBER: US/09/903,327A
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 09/613,017
; PRIOR FILING DATE: 2000-07-10
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 456
; TYPE: PRT
; ORGANISM: Mouse
; FEATURE:
; NAME/KEY: PEPTIDE
; LOCATION: (0)...(0)
; OTHER INFORMATION: DAV-1 heavy chain, penton base monoclonal antibody
US-09-903-327A-2

Query Match 79.2%; Score 600.5; DB 3; Length 456;
Best Local Similarity 82.0%; Pred. No. 2.6e-44;
Matches 114; Conservative 6; Mismatches 12; Indels 7; Gaps 1;

Qy 1 MGWSWIFLFLLSGTAGVHSEVQLQQSGPELVKPGASVKISCKASGYTFTDYNHWVKQSH 60
||||| :|||
Db 1 MGWSWIFLFLLSGTAGVHSEVQLQQSGPELVKPGASVKISCKASGYTFTDYNMHVKQSH 60

Qy 61 GKILEWIGYIYPYNGVSDYNQNFKSKATLIVDNSSNTAYMELRSLTSEDSAVYYCARWDF 120
|| ||||| | : ||| ||||| |:|||||||: |||||
Db 61 GKSLEWIGYIYPYKGGTGYNQKFKSKATLTDDSSNTAYMELRSLTSDASAVYYCARG-- 118

Qy 121 GSGYYFDYWGGTTTLTVSS 139
||| :|||:
Db 119 -----IAYWGGTLTVSA 132

RESULT 11
US-09-903-327A-13

Qy	1	MGWSWIFLFLLSGTAGVHSEVQLQQSGPELVKPGASVKISCKASGYTFTDYN	60
		:	
Db	1	MGWSWIFLFLLSGTAGVHSEVQLQQSGPELVKPGASVKISCKASGYTFTDYN	60
Qy	61	GKILEWIGYIYPYNGVSDYNQNFKSKATLIVDNSSNTAYMELRSLTSEDS	120
		: : :	
Db	61	GKSLEWIGYIYPYKGGTGYNQKFKSKATLTDDSSNTAYMELRSLTSDAS	118
Qy	121	GSGYYFDYWGQGTTTLTVSS	139
		: :	
Db	119	-----IAYWGQGTTLVTVSA	132

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Query Match 79.2%; Score 600.5; DB 3; Length 510;
Best Local Similarity 82.0%; Pred. No. 2.9e-44;
Matches 114; Conservative 6; Mismatches 12; Indels 7; Gaps 1;

Qy	1	MGWSWIFLFLLSGTAGVHSEVQLQQSGPELVKPGASVKISCKASGYTFTDYNIHVVKQSH	60
		:	
Db	1	MGWSWIFLFLLSGTAGVHSEVQLQQSGPELVKPGASVKISCKASGYTFTDYNMHVVKQSH	60
Qy	61	GKILEWIGYIYPYNGVSDYNQNFKSKATLIVDNSSNTAYMELRSLTSEDSAVYYCARWDF	120
		: :	
Db	61	GKSLEWIGYIYPYKGGTGYNQKFKSKATLTDDSSNTAYMELRSLTSDASAVYYCARG--	118
Qy	121	GSGYYFDYWGGTTLTVSS	139
		: :	
Db	119	-----IAYWGOGTLVTVSA	132

US-09-903-327A-11

; Patent No. US20020164333A1

; GENERAL INFORMATION:

; APPLICANT: Nemerow, Glen R.

; APPLICANT: Li, Erquang

; TITLE OF INVENTION: BIFUNCTIONAL MOLECULES AND VECTORS COMPLEXED THEREWITH FOR TARGETED

7 TITLE OF INVENTION: GENE

; TITLE OF INVENTION: DELIVERY

; FILE REFERENCE: 22908-1228

; CURRENT APPLICATION NUMBER: US/09/903,327A

; CURRENT FILING DATE: 2001-07-10

; PRIOR APPLICATION NUMBER: 09/613,017

; PRIOR FILING DATE: 2000-07-10

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; NUMBER OF SEQ ID NOS: 33
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; SOFTWARE: FastSEQ for Windows Version 4.0
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; SEQ ID NO 11
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; LENGTH: 597

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; TYPE: PRT
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; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Fusion protein with N-terminal portion of DAV-1 heavy chain

; OTHER INFORMATION: and TNF alpha mature peptide

US-09-903-327A-11

Query Match 79.2%; Score 600.5; DB 3; Length 597;
Best Local Similarity 82.0%; Pred. No. 3.4e-44;

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Matches 114; Conservative 6; Mismatches 12; Indels 7; Gaps 1;

Qy      1 MGWSWIFLFLLSGTAGVHSEVQLQQSGPELVKPGASVKISCKASGYTFTDYNHWVKQSH 60
      |||
Db      1 MGWSWIFLFLLSGTAGVHSEVQLQQSGPELVKPGASVKISCKASGYTFTDYNMHVVKQSH 60

Qy     61 GKILEWIGYIYPYNGVSDYNQNFKSKATLIVDNSSNTAYMELRSLTSEDSAVYYCARWDF 120
      || |||
Db     61 GKSLEWIGYIYPYKGGTGYNQKFKSKATLTDDSSNTAYMELRSLTSDASAVYYCARG-- 118

Qy    121 GSGYYFDYWGQGTTTLTVSS 139
      |||
Db    119 -----IAYWGQGTLLTVSA 132
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RESULT 14

US-09-903-327A-14

; Sequence 14, Application US/09903327A

; Patent No. US20020164333A1

; GENERAL INFORMATION:

; APPLICANT: Nemerow, Glen R.

; APPLICANT: Li, Erguang

; TITLE OF INVENTION: BIFUNCTIONAL MOLECULES AND VECTORS COMPLEXED THEREWITH FOR TARGETED

; TITLE OF INVENTION: GENE

; TITLE OF INVENTION: DELIVERY

; FILE REFERENCE: 22908-1228

; CURRENT APPLICATION NUMBER: US/09/903,327A

; CURRENT FILING DATE: 2001-07-10

; PRIOR APPLICATION NUMBER: 09/613,017

; PRIOR FILING DATE: 2000-07-10

; NUMBER OF SEQ ID NOS: 33

; SOFTWARE: FastSEQ for Windows Version 4.0

; SEQ ID NO 14

; LENGTH: 613

; TYPE: PRT

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Fusion protein with N-terminal portion of DAV-1 heavy chain

; OTHER INFORMATION: and SCF mature peptide

US-09-903-327A-14

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Query Match          79.2%; Score 600.5; DB 3; Length 613;
Best Local Similarity 82.0%; Pred. No. 3.5e-44;
Matches 114; Conservative 6; Mismatches 12; Indels 7; Gaps 1;

Qy      1 MGWSWIFLFLLSGTAGVHSEVQLQQSGPELVKPGASVKISCKASGYTFTDYNHWVKQSH 60
      |||
Db      1 MGWSWIFLFLLSGTAGVHSEVQLQQSGPELVKPGASVKISCKASGYTFTDYNMHVVKQSH 60

Qy     61 GKILEWIGYIYPYNGVSDYNQNFKSKATLIVDNSSNTAYMELRSLTSEDSAVYYCARWDF 120
      || |||
Db     61 GKSLEWIGYIYPYKGGTGYNQKFKSKATLTDDSSNTAYMELRSLTSDASAVYYCARG-- 118

Qy    121 GSGYYFDYWGQGTTTLTVSS 139
      |||
Db    119 -----IAYWGQGTLLTVSA 132
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